

*A1*  
-- A pair of rotational shaft support parts 14 and 21 including bearings 16 and 22 for rotatably supporting the rotational shaft 13 are connected on both sides of the stator 31 in a direction of the rotational shaft 13.--

Please replace the paragraph on page 8, beginning on line 17 with the following paragraph:

*A2*  
-- A pair of screw boss parts 18 and 23 which are protruded so as to overlap a through hole 37 formed on the stator 31 are formed on boundary portion of the shaft support parts 14 and 21. A though hole 19 through which a screw 20 for combining the stator 31 with the shaft support parts 14 and 21 can be passed is formed at a center of the respective screw boss parts 18 and 23. And female screw parts 25 are formed on a boundary portion of the screw boss parts 18 and 23 in pair.--

*A3*  
Please replace the paragraph on page 9, beginning on line 2 with the following paragraph:

-- In addition, as shown in Figures 7 and 8, a first separation member 26 and a second separation member 29 are respectively inserted between the shaft support

A3  
parts 14 and 21 and the stator 31 so as to prevent impurities from approaching from outer circumference.--

A4  
Please replace the paragraph on page 9, beginning on line 23 with the following paragraph:

-- The first stator core 32 comprises a first rotor receiving part 33a of semicircular shape which is disposed on boundary of the rotor 11 with the separate spaces 33d and 36e, and a first extended part 33b which is extended to one direction (downward in Figure 10) of the rotor receiving part 33a.--

Please replace the paragraph beginning on page 11, line 4 with the following paragraph:

-- As shown in Figure 10, the separate spaces are divided into a first separate space 33d formed on an upper part of the first and second rotor receiving parts 33a and 36a, and a second separate space 36e formed on a lower part of the first and second rotor receiving parts 33a and 36a.-

A5  
Please replace the paragraph beginning on page 11, line 8 with the following paragraph:

-- Herein, the first separate space 33d and the second separate space 36e are formed to face each other centering around the rotational shaft of the rotor 11, and it is desirable that the width of the separate space is 0.3mm through 1mm.--

A5  
Please replace the paragraph beginning on page 11,  
line 11 with the following paragraph:

--In addition, a pair of detent parts 33e and 36f having larger radius than the radius from the rotational shaft 13 to the first and second rotor receiving parts 33a and 36a are formed on the first and second rotor receiving parts 33a and 36a in rotating direction of the rotor 11.--

Please replace the paragraph beginning on page 11,  
line 15 with the following paragraph:

--As shown in Figure 10, the first detent part 33e and the second detent part 36f are formed respectively on the rotor receiving part 33a and on the second rotor receiving part 36a to the rotating direction of the rotor 11 around  $10-20^\circ(\theta)$  from a center line in length direction, and make a point symmetry centering around the rotational shaft 13.--

Please replace the paragraph beginning on page 11,  
line 25 with the following paragraph:

--Figures 12 and 13 are a side view and a plan view showing a PCB cover 57 as shown in Figure 7, and Figure 14 is a block diagram showing a circuit structure of the PCB 51 shown in Figure 7.--

Please replace the paragraph beginning on page 12,  
line 18 with the following paragraph:

--The sensor receiving part 59 is installed around 10°-20° from the Lv in an opposite rotational direction of the rotor 11 so as to sense a stimulus of the rotor 11 in advance, considering that the current which is actually applied is delayed to approach to a peak value by an inductance when the current is supplied to the coil. In the present embodiment, the sensor receiving part 59 is installed about 13.5° position from the center line Lv.--

**IN THE CLAIMS**

Please cancel claims 1-11 without prejudice or disclaimer to the subject matter contained therein.

Please add the following claims: